Panasonic

Remote Control Operating Guide

LCD P rojector

Model No. **PT-AE1000E**

Features

Multiple home theatre system devices can be operated.

Devices such as projectors, DVD players/recorders, video decks, TVs, amplifiers, lighting device and electronic screens can be operated.

P.3

Remote control signals for other home theatre system devices can be set into this remote control.

Remote control signals for other home theatre system devices can be easily learnt.

Remote control signals for other home theatre system devices can be easily learnt for each corresponding button on this remote control.

P.6

Device codes can be entered

You can enter device codes to register several remote control signals all at once.

P.7

Home theatre system devices with unknown device codes can also be set.

The search function lets you search for device codes to use for setting.

P.8

Macro function makes operation even easier.

Using the operation macro function

A single button operation can invoke a maximum of 16 keypresses to carry out a total of 6 different operations for home theatre system devices.

P.10

Using the power supply macro function

A single button operation can turn the power supply for up to 8 different devices on and off at the same time.

P.12

Frequently-used functions can be programmed into function buttons.

Functions that you use often can be assigned to function buttons, so that these buttons can be used easily as shortcut buttons.

P.13

Customised display of frequently-used functions on the LCD is possible.

You can edit the characters that are used to indicate function buttons in the LCD, and you can also edit the device selection display.

P.14

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LCD display list
Remote control function list

Note:

- Do not use the remote control to operate any other equipment apart from your home theatre system.
- It may not be possible to operate some devices using this remote control.

■ This remote control can be used to carry out simple setting operations for your home theatre system in addition to operating the projector (PT-AE1000E).
■ Be sure to read this Remote Control Operating Guide carefully in order to use the devices safely.
■ Also be sure to read the instructions for the projector and the home theatre system carefully when using the remote control.
■ After reading this Operating Guide, keep it in a safe place for later reference

TQBJ0211

Names and functions of each part

- Buttons shown in this colour are buttons that can be used for learnt functions.
  Buttons that cannot be used for learnt functions ⋯ LEARN, SETUP, system device selection
  Buttons that cannot be used for learnt functions when using a projector (PJ) ⋯ MENU, ENTER, RETURN, ▲▼►◄
- If you press any of the buttons marked as **Projector function only**, the device selection will switch to "PJ".

(※"PJ" ☞ p.15)

Remote control emitter

Projector function only

This turns the projector power on and off when the projector's power is turned on

Liquid crystal display
The top shows the selected device, the bottom shows the functions of that device that can be operated. (※☞p.15)
If no remote control operations are carried out for 30 seconds or more, the LCD will switch off. If the LCD switches off while the device selection indicator for any component is flashing, the component that was last selected will be the one that will be operated.

Function buttons(A/B/C)

This displays menus

Projector function only

This returns menu adjustment values to their factory defaults.

This adjusts the picture size and focus.

This switches the input source.

This switches the aspect ratio (the ratio between width and height of the screen).

This switches the picture mode.

This displays the input waveforms.

This turns on button illumination for the remote control.
If no remote control operations are carried out for 30 seconds or more, the backlight will switch off.
Once the backlight has turned off after 30 seconds, it can be turned back on by pressing any button.
If you press a button to turn once more and then press it again within 30 seconds to turn the backlight off again, the backlight will not turn back on again when another button (other than "LIGHT") is pressed.

System device operation buttons
These buttons are used to operate system devices using preset functions for this remote control and also functions which have been learnt through signals from other remote controls.

These buttons are used for menu screen operations.

Projector function only

This momentarily pauses images.

This sets the time to elapse before the power turns off automatically.

This displays the "MEMORY LOAD" menu.

This displays the "COLOUR MANAGEMENT" menu.

This displays the "PICTURE ADJUSTMENT" menu.

Note:

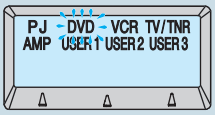
- If operating the remote control by facing it directly towards the remote control receiver at the front of the projector, the remote control should be within approximately 7 metres of the front of the remote control receiver. In addition, the remote control can be operated within an angle of +/- 30 degrees up, down or to the left or right.
  If there are any obstructions between the remote control and the remote control receiver, the remote control may not operate correctly.
- The projector can be operated by reflecting the signals from the remote control off the screen, but the operating range for the remote control may be reduced as a result of losses in the amount of light reflected due to the characteristics of the screen.

Operation Quick Guide

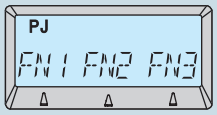
Operatinon

■Operating the projector

1 Press "DEVICE"to select the projector, and then press "ENTER".



(Example: When “DVD” is selected)

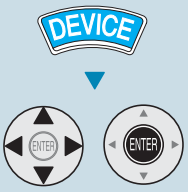


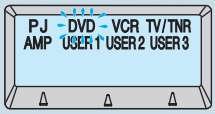
Operation will change from home theatre system devices to the projector.

Alternatively, press any one of the buttons marked as "Projector function only".

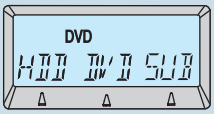
■Operating the home theatre system

1 Press "DEVICE", tilt the button to select the device to be operated, and then press "ENTER".





(Example: When “DVD” is selected)



2 Press the button for the desired operation.

PLAY (Example: When playback is selected)

Note:

- At the time of purchase, the remote control is programmed with remote control signals for Panasonic products.
- If the devices you are using cannot be operated by using the default settings, refer to “Setting remote control signals for home theatre systems” (☞ p.5-)
- The default settings for USER1-3 are for these settings to be empty.
- If device selection is set to "PJ", the home theatre system buttons can be used to operate other home theatre system devices. Refer to "Remote control function list" .

Learning remote control signals directly from home theatre system devices

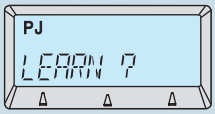
Operations can be learnt for buttons one by one.

Note:

- Remote control signals that are not infrared-type (wave format) signals cannot be recorded.
- It may not be possible to record some types of signal. There is a limit to the number of buttons that can be learnt.
- The maximum number will vary depending on the remote control signals that are learnt, but generally the maximum number of keys that can be learnt is about 80.
- It may not be possible to learn remote control signals correctly if the remote control's batteries are nearly spent.

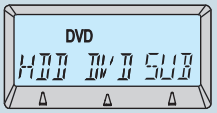
■Using the learning function

1 Press "LEARN" for 3 seconds or more and then press "ENTER".



2 Press "DEVICE"to select the home theatre system device to be set.

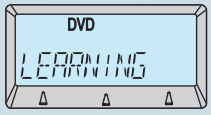
(Example: When “DVD” is selected)



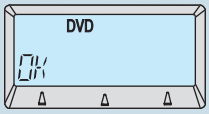
3 Place the projector’s remote control next to the emitter of the home theatre system’s remote control.

4 Press the button on the projector’s remote control that you would like to learn, and after "LEARNING?" is displayed, press the corresponding button on the home theatre system device’s remote control.

(Projector’s remote control) (Home theatre system’s remote control)



After 5 seconds



(Example: When learning the function of the playback button)

- **If “ERROR” is displayed.**
  To learn another button, repeat step 4.
  If an operation macro has been assigned to the function button, signals cannot be learnt for that button.
- If “ERROR” is displayed, return to step 4.

5 To finish, press "SETUP", and then check operation.

SETUP

Perforation

You can tear off this page along the perforation to use it as a quick reference guide.

Operation Quick Guide

Selecting and entering device codes

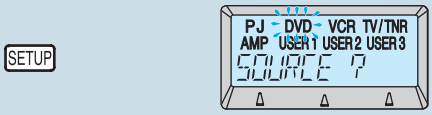
You can have all remote control signals for a home theatre system device learnt all at once by entering the device code for that device.

Note:

- Two or more equipment codes cannot be entered for the same item of equipment.
- Equipment codes cannot be entered for “PJ”.
- For device codes which have a remote control signal for controlling the power supply, the remote control signal for the power supply will be transmitted when the device code is selected.
  Turn on the power supply for the device to be operated, and point the remote control towards it to test.

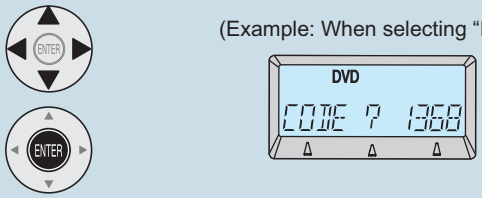
Setting method

1 Press "SETUP" for 3 seconds or more.

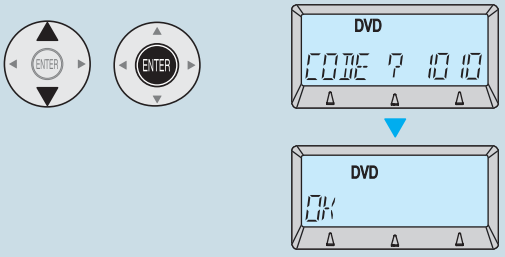


2 Select the equipment that you would like to set, and then press "Enter".

(Example: When selecting “DVD”)



3 Select the desired equipment code while referring to “Equipment code list”, and then press "ENTER".



Note:

- If the home theatre system cannot be operated with the code you have entered, enter the next equipment code that is listed.
- If the home theatre system does not support this function, it will not operate when the buttons are pressed.

Equipment code list

Manufacturer name	Equipment code
<DVD> DVD/DVD-R	
Panasonic	0490, 0503, 0703, 1010, 1011, 1362, 1462, 1490, 1762, 1834, 1908
DENON	0490, 1634
GE	0522, 0717
HITACHI	0573, 0664, 0695
JVC	0503, 0539, 0623, 0867, 1164, 1940
LG	0591, 0741, 0790, 0869
Marantz	0539
MITSUBISHI	0521, 1403
ONKYO	0503, 0627, 1627
Philips	0503, 0539, 0646, 0675, 1818
Pioneer	0490, 0525, 0571, 0631, 1965
SAMSUNG	0490, 0573, 1075
SANYO	0670, 0695
SHARP	0630, 0675, 0752, 1256
SONY	0533, 0573, 0864, 1033, 1070, 1431
TOSHIBA	0503, 0695, 1045,
YAMAHA	0490, 0539, 0545, 0646
<VCR> VCR	
Panasonic	0226, 0616, 0836, 1244, 1515, 1516, 1562
GE	0048, 0226, 0320
HITACHI	0000, 0037, 0042, 0081
JVC	0045, 0067, 0081
Kenwood	0067
LG	0037, 0042, 0045
MITSUBISHI	0000, 0043, 0048, 0067, 0081, 0642
Philips	0000, 0081, 0226, 0618, 0739
Pioneer	0042, 0067, 0081
SAMSUNG	0045, 0432, 0739
SANYO	0048, 0067, 0104, 0348
SHARP	0037, 0048
SONY	0000, 0032, 0034, 0636, 1972
TOSHIBA	0042, 0043, 0045, 0067, 0081, 0352, 0432, 1503, 1972
Victor	0067
<TV> TV	
Panasonic	0037, 0108, 0208, 0226, 0508, 0548, 0650, 0853, 1333, 1334, 1650
Bang & Olufsen	0565
GE	0093, 0178, 0560, 0625
HITACHI	0037, 0108, 0178, 0480, 0481, 0508, 0548, 0576, 0578, 1037
JVC	0093, 0508, 0606, 0650, 0653
LG	0037, 0108, 0178, 0556, 0714
MITSUBISHI	0037, 0093, 0108, 0178, 0512, 0556, 1037, 1171
Philips	0037, 0108, 0178, 0512, 0556
Pioneer	0037, 0170, 0512, 0760
SAMSUNG	0037, 0093, 0178, 0208, 0226, 0370, 0556, 0587, 0618, 1060, 1458
SANYO	0108, 0170, 0208, 0370, 0508
SHARP	0093, 0650, 1163, 1165, 1193, 1453
SONY	0037, 0093, 0170, 0650, 1167, 1505, 1651
Thomson	0037, 0335, 0560, 0625
TOSHIBA	0093, 0195, 0508, 0618, 0650, 0714, 1163, 1429, 1508
Victor	0650, 0653

Manufacturer name	Equipment code
<CBL> Cable Converter	
Panasonic	0000, 0008, 0107, 0375, 1488, 1758, 1759, 1760
Fujitsu	1497
LG	0144
Motorola	0476, 1376, 1483
NEC	1496
Pioneer	0144, 0533, 1500, 1877
Scientific Atlanta	0008, 0237, 0477, 1877
SONY	1006
TOSHIBA	0000
<SAT> Satellite Receiver	
Panasonic	0247, 0701, 0847, 1104, 304, 1320, 1404, 1508, 1747, 1748, 1751, 1752, 1753, 1754, 1761, 1762, 1763
GE	0392
HITACHI	0819, 1284
JVC	0775, 1507
Marantz	0200
Pionnier	0329, 0352, 0853, 1308
SAMSUNG	0853, 1108, 1142, 1243, 1293, 1458, 1570
SONY	0282, 0639, 0847, 0853, 1639
Thomson	0392, 0713, 0820, 0847, 0853, 1175, 1291
TOSHIBA	0819, 1749
<AMP>/<RCV> Audio Amplifier/Receiver	
Panasonic	0309, 1288, 1308, 1316, 1518, 1548, 1633, 1763, 1764, 1765
Aiwa	0121, 1089
Bang & Olufsen	0799
BOSE	0674, 1357, 1629
DENON	0121, 1104, 1360
JVC	0074, 0331, 1495
KENWOOD	0186, 0712, 1313
Marantz	0891, 1089, 1189, 1269, 1289
ONKYO	0135, 1298, 1320
Philips	0891, 1089, 1189, 1269, 1289, 1673
Pioneer	0013, 0186, 1023, 1459, 1623, 1656
SAMSUNG	1424
SANYO	1801
SHARP	0186, 1614
SONY	0689, 1112, 1158, 1441, 1622, 1658, 1722, 1759, 1822, 1858
Technics	0309, 1308, 1309, 1518, 1633, 1763, 1765
TOSHIBA	0135
Victor	0074, 0331
YAMAHA	0176, 0186, 0354, 0712, 0848, 1276, 1331
<ELECTRIC SCREENS>	
OS	1954
Kikuchi	1951
Stewart	1951
NAVIO	2047
<LIGHTING EQUIPMENT>	
Lutron	0318, 0597

Perforation

You can tear off this page along the perforation to use it as a quick reference guide.

Setting remote control signals for home theatre systems

This remote control is programmed with remote control signals for Panasonic products at the time of purchase. If you would like to operate devices from other manufacturers, or if your Panasonic products cannot be operated, the following setting operations will be required.

Note:

- Do not use the learning function to record remote control signals from other learning remote controls that have been learnt by those remote controls. If this is done, operating errors may result.
- If no operations are carried out for 60 seconds or more during the setup stage, operation will time out and the setting mode will be cancelled.

Setting remote control signals for home theatre systems

To operate home theatre system devices other than the projector, set the remote control signals for operating those devices into the remote control.

Learning remote control signals directly from home theatre system devices P. 6

You can freely assign the remote control signals for your home theatre system devices to the buttons of this remote control one by one.

Selecting and entering device codes P. 7

You can have all remote control signals learnt all at once by entering the device code which appears in the device code list .

Setting home theatre system devices when you do not know the device code P. 8

For home theatre system devices for which you do not know the device code, you can use the search function to search or and set the device code.

Deleting home theatre equipment remote control signals

You can delete remote control signals which have been programmed into the remote control.

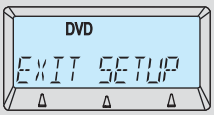
Deleting settings for each button one by one (DELETE) P. 9

Deleting settings all at once (OPS RESET) P. 9

Tip

If you would like to cancel a setting before it is complete··

Press "SETUP".



Tip

To return to the previous step in an operation

Press "RETURN".

Setting remote control signals for home theatre systems

Learning remote control signals directly from home theatre system devices

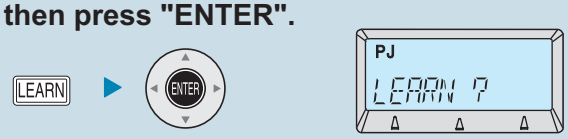
Operations can be learnt for buttons one by one.

Note:

- Remote control signals that are not infrared-type (wave format) signals cannot be recorded.
- It may not be possible to record some types of signal. There is a limit to the number of buttons that can be learnt.
- The maximum number will vary depending on the remote control signals that are learnt, but generally the maximum number of keys that can be learnt is about 80.
- It may not be possible to learn remote control signals correctly if the remote control's batteries are nearly spent.

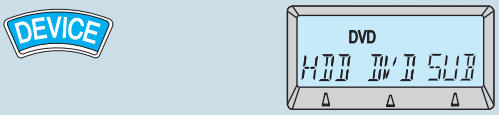
■ Using the learning function

1 Press "LEARN" for 3 seconds or more and then press "ENTER".



2 Press "DEVICE"to select the home theatre system device to be set.

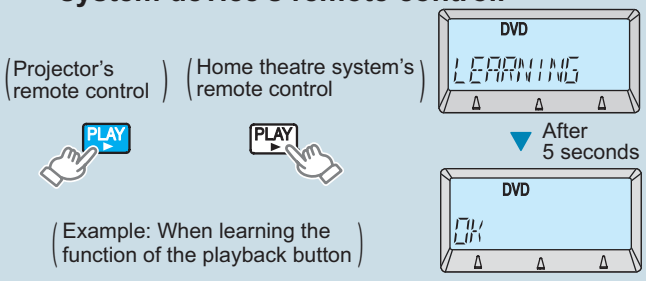
(Example: When “DVD” is selected)



3 Place the projector’s remote control next to the emitter of the home theatre system’s remote control.

4 Press the button on the projector’s remote control that you would like to learn, and after "LEARNING?" is displayed, press the corresponding button on the home theatre system device’s remote control.

(Projector’s remote control) (Home theatre system’s remote control)



(Example: When learning the function of the playback button)

- **If “ERROR” is displayed.**
  To learn another button, repeat step 4.
  If an operation macro has been assigned to the function button, signals cannot be learnt for that button.
- If “ERROR” is displayed, return to step 4.

5 To finish, press "SETUP", and then check operation.

SETUP

Note:

- If the batteries of the remote control are spent, the signals will not be recorded correctly.
- If no operations are carried out for 60 seconds or more during learning, the setting mode will be cancelled. To carry out learning correctly, repeat the procedure from step 1.
- When function buttons A/B/C have been learnt, “-A-, -B-, -C-” will be displayed, and you can edit the characters that are displayed here.
  (☞ p.14)

Tips on correct learning

- Do not move the remote control while learning is in progress.
- Place fresh batteries into both the projector’s remote control and the other remote control before starting.
- Avoid carrying out the procedure in places that are exposed to direct sunlight or lights. (Interference may occur and cause errors in learning.)
- The position of the emitter will vary depending on the shape of the remote control. Place the projector’s remote control correctly in front of the emitter, and at a distance of 5 cm.

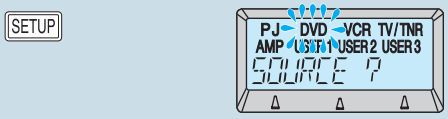
Selecting and entering device codes

You can have all remote control signals for a home theatre system device learnt all at once by entering the device code for that device.

Note:

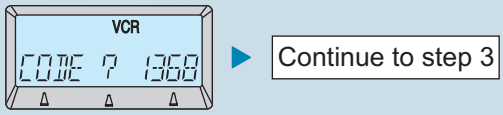
- For device codes which have a remote control signal for controlling the power supply, the remote control signal for the power supply will be transmitted when the device code is selected. Turn on the power supply for the device to be operated, and point the remote control towards it to test.
- Two or more equipment codes cannot be entered for the same device.
- Device codes cannot be entered for "PJ".
- If the home theatre system device does not support this function, it will not operate when the buttons are pressed.

1 Press "SETUP" for 3 seconds or more.



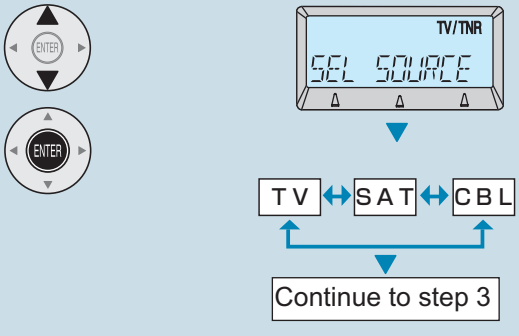
2 Select the device to be set and then press "ENTER".

●When "DVD, VCR, AMP" is select



●When "TV/TNR" is selected

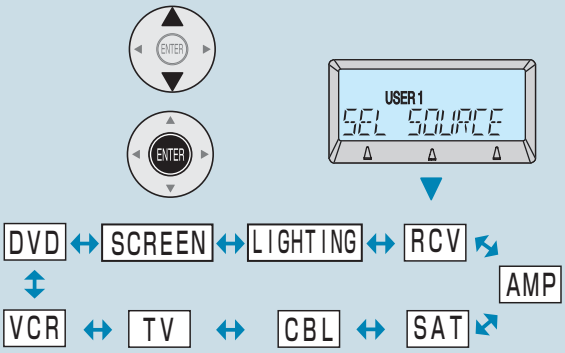
2-1 Select the device to be set and then press.



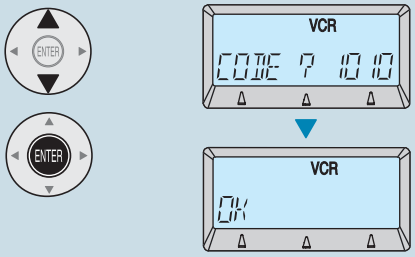
●When "USER 1-3" is selected

2-1 Press "ENTER".

2-2 Select the device to be set and then press "ENTER".



3 Select the desired device code while referring to the device code list (☞ p.4) and then press "ENTER".



※ **If the operation does not work**
Refer to the device code list, and if more than one device code is given, try setting using the other device codes.

When "USER 1-3" is selected

Press "SETUP" to finish.

SETUP

Note:

- Device codes can be selected even if the learning function has already been used to program the remote control signals, but in such cases, the remote control signals that have been learnt will have priority. If you would like to set a device code for these buttons, delete the remote control signals which have already been learnt. (☞ p. 9)
- If operation macros have already been assigned to function buttons the operation macros will have priority. If you would like to set a device code for these buttons, delete the operation macros which have already been assigned. (☞ p. 11)

Setting remote control signals for home theatre systems

Setting home theatre system devices when you do not know the device code

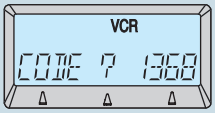
When recording remote control signals for a home theatre system device when you do not know the device code for that device, you canuse the search function to make the settings.

1 **Turn the power on for the home theatre system device that you would like to set.**

2 **Press "SETUP" for 3 seconds or more.**

3 **Select the device to be set and then press "ENTER".**

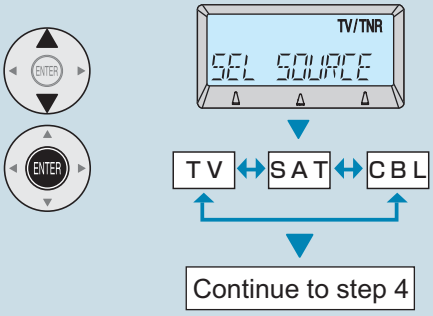
● When "DVD, VCR, AMP" is selected



▶ Continue to step 4

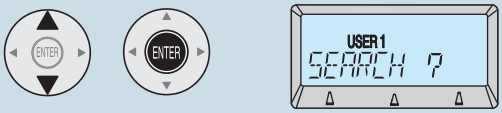
● When "TV/TNR" is selected

3-1 **Select the device to be set and then press "ENTER".**

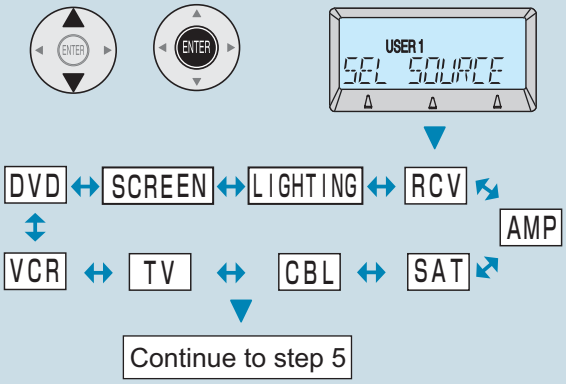


● When "USER 1-3" is selected

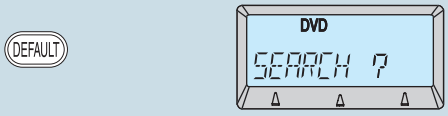
3-1 **Press the up or down button to select "SEARCH?" and then press "ENTER".**



3-2 **Select the device to be set and then press "ENTER".**

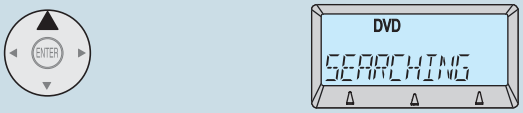


4 **Press "DEFAULT".**



(Example: When "DVD" is selected)

5 **Point the remote control at the home theatre system device and press the up button once.**



● Repeat step 5 until the power turns off for the home theatre system device.

6 **Once the power for the home theatre system device turns off, press "ENTER".**

To finish, press "SETUP", and then check operation. SETUP

Note:

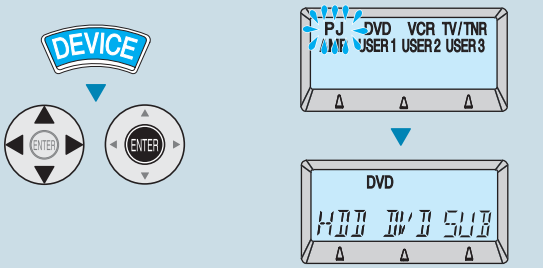
- Device codes can be selected even if the learning function has already been used to program the remote control signals, but in such cases, the remote control signals that have been learnt will have priority. If you would like to set a device code for these buttons, delete the remote control signals which have already been learnt. (☞ p. 9)
- If operation macros have already been assigned to function buttons the operation macros will have priority. If you would like to set a device code for these buttons, delete the operation macros which have already been assigned. (☞ p. 11)

Deleting home theatre equipment remote control signals

You can use one of two methods to delete remote control signals that have been learnt, either by deleting the settings one by one (DELETE) or by deleting all of the settings at once (OPS RESET).

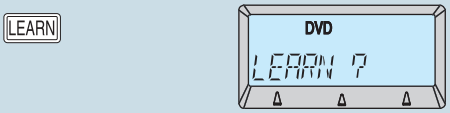
Deleting settings for each button one by one (DELETE)

1 Press "DEVICE", use the tilt button to select the device, and then press "ENTER".



(Example: When “DVD” is selected)

2 Press "LEARN" for 3 seconds or more.



3 Use the tilt button to select "DELETE?", and then press "ENTER"

4 Press the button to be deleted.

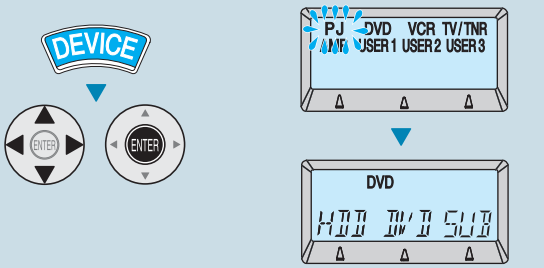
(Example: When deleting the signal learnt for the "PLAY" button.)

- **If "ERROR" is displayed**
- If no signals have been learned, "ERROR" will be displayed. To delete another learnt signal, repeat step 4.

To finish, press "SETUP". SETUP

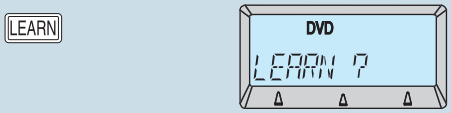
Deleting settings all at once (OPS RESET)

1 Press "DEVICE", use the tilt button to select the device, and then press "ENTER".

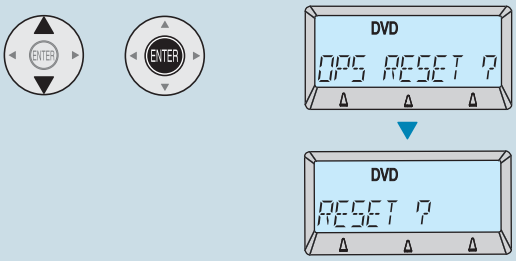


(Example: When “DVD” is selected)

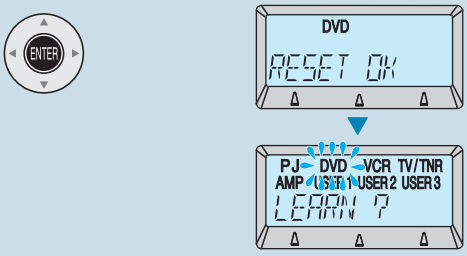
2 Press "LEARN" for 3 seconds or more.



3 Use the tilt button to select "OPS RESET?", and then press "ENTER".



4 Press "ENTER"



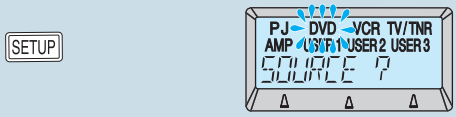
To finish, press "SETUP". SETUP

Operating home theatre system devices with a single button press (operation macro function)

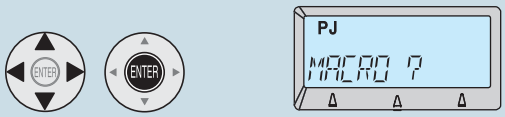
You can assign a sequence of up to 16 keypresses for a total of 6 different home theatre system operations which have been programmed into this remote control to a single button, so that these operations can be carried out all at once.

Setting the operation macro function

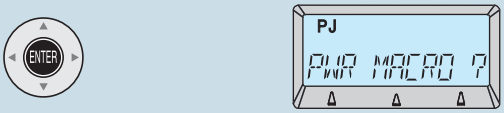
1 Press "SETUP" for 3 seconds or more.



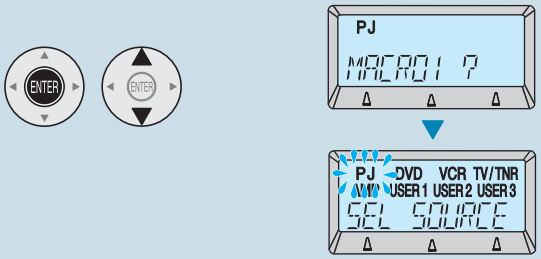
2 Use the tilt button to select "PJ", and then press "ENTER".



3 3 Press "ENTER".



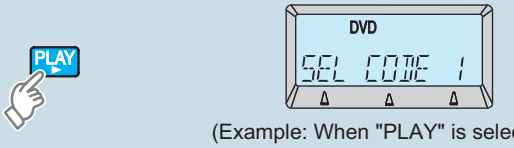
4 4 Press the top or bottom of the tilt button to select "MACRO1-6?" and then press "ENTER".



※ If the device selection is "PJ", macro 1 (MC1)/macro 2 (MC2)/macro 3 (MC3) will be recorded, and if the device selection is "USER1-3", macro 4 (MC4)/macro 5 (MC5)/macro 6 (MC6) will be recorded.

5 Use the tilt button to select the device to be recorded, and then press "ENTER".

6 Press the keys to be recorded.



(Example: When "PLAY" is selected)

● Setting the delay time

①Press "LEARN".

The delay time will increase by one second each time "LEARN" is pressed.
(Maximum 10 seconds)

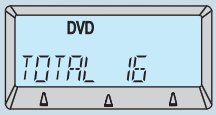
②Press "ENTER".

● Recording different keys for the same devices

Repeat step 6.

※Up to a maximum of 16 keys can be recorded.

(Example: When 16 keys have been recorded.)



● Recording keys for a different device

Press "DEVICE", use the tilt button to select another device, and then press "ENTER".

● Finishing recording

Press "SETUP" twice.

● If "SETUP" is pressed once, the number of keys recorded will be displayed.

Note:

- When the number of keys recorded reaches 16, the remote control will automatically return to the condition in step 1. In such cases, press "SETUP" once to finish recording.
- The buttons that can be included in operation macros are all buttons except "LIGHT" "LEARN" and "SETUP". If a remote control signal has been learnt for a function button, the remote control signal which has been learnt will be sent if that function button is included in an operation macro.
- When an operation macro is recorded, any functions that have been set or remote control signals which have been learnt for that function button will be disabled.

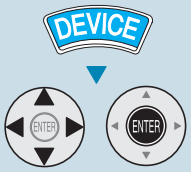
Operating home theatre system devices with a single button press(operation macro function)

Using the operation macro function

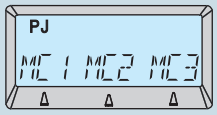
Note:

- If the distance between the remote control and the home theatre equipment being operated is too far, or if the remote control receivers of the home theatre system devices are obstructed, the home theatre system devices may not work correctly.
  Check the locations and directions of the home theatre system devices to make sure that they can all be operated.

1 Press "DEVICE", use the tilt button to select "PJ" or "USER1-3", and then press "ENTER".

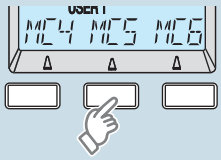


(Example: When "PJ" is selected)



(Example: When "USER1" is selected)

2 Press the button which has the macro recorded that you would like to use.



(Example: When "MC5" is selected)

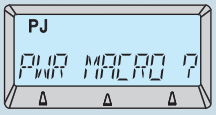
- The amount of time that will pass before the macro function is completed will vary depending on the number of keypresses which have been recorded.

Clearing the operation macro function

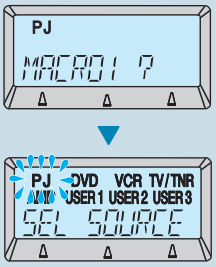
1 Press "SETUP" for 3 seconds or more.

2 Use the tilt button to select "PJ", and then press "ENTER".

3 Press "ENTER".



4 Press the top or bottom of the tilt button to select "MACRO1-6?" and then press "ENTER".



5 Press "ENTER", and then press "SETUP" twice.

Press twice.

Turning the power for home theatre system devices on and off at once (power supply macro function)

You can use the projector's remote control to turn the power on and off for home theatre system devices that have been registered by the remote control.

Note:

- At the time of purchase, a macro for turning the power on and off for PJ, DVD, VCR and AMP all at once is set.

Using the power supply macro function

Note:

- If the distance that the projector's remote control has to operate is too far, or if the remove control receiver of the home theatre system devices are obstructed, this operation may not work correctly.
  Check the locations and directions of the home theatre system devices to make sure that they can all be operated.

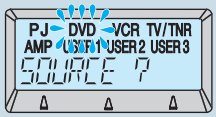
1 Press "SYSTEM" for 3 seconds or more.

The power supply for all registered devices will turn on.

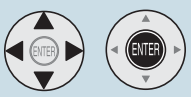
- The length of time required for the macro function to finish operating effectively will vary depending on the number of devices that have been registered.

Configuration de la fonction macro d'alimentation

1 Press "SETUP" for 3 seconds or more.

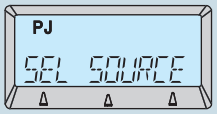


2 Use the tilt button to select "PJ", and then press "ENTER".



3 Press "ENTER", 2 times.

- The display will show the devices hat have been registered by the macro.



4 Use the tilt button to select the device to be registered.

- If a registered device is selected, the display will flash faster.

5 Press "SYSTEM".

(Example: When "USER3" is selected)

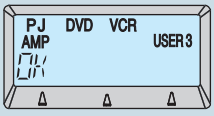
- If a registered device is selected, the display will flash faster.
- To register or delete another device, repeat steps 4 and 5.
  Clearing the macro function.

Clearing the macro function

Press "SYSTEM" once more.

- The macro function will be cleared and the display will flash more slowly.

6 When you have finished selecting devices, press "ENTER".



To finish, press "SETUP". SETUP

Using the function buttons

Function buttons [1], [2] and [3] can be used as quick shortcut buttons by assigning operations that are frequently used to them.

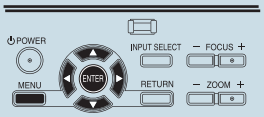
Setting method

-Use the projector's menu to make the settings

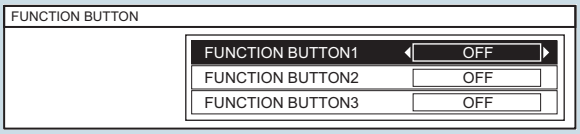
1 Press "MENU" on either the remote control or the projector's operation panel.

Remote control

Projector's operation panel



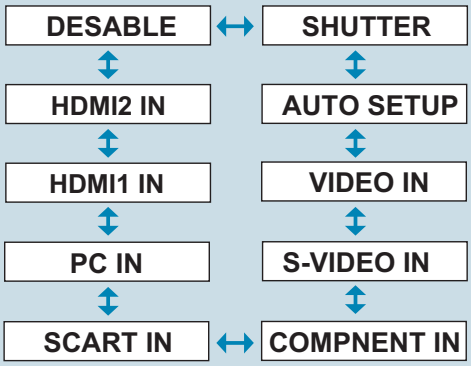
2 Select "OTHER SETTINGS" from the main menu, and then press "ENTER". Next, select "FUNCTION BUTTONS" from the sub-menu and then press "ENTER".



3 Press the top or bottom of the tilt button to select the "FUNCTION" button (1--3) to be set.

4 Press the left or right of the tilt button to select the function to be set for the "FUNCTION" button.

The selected item will change as shown below each time the tilt button is pressed.



DISABLE	Function button is disabled.
SHUTTER	Operates the shutter function. ● When the shutter operates at times such as when not using the projector for fixed periods, the pictures turn off and power consumption is reduced. When any button on the remote control ● or the projector's operation panel is pressed, the shutter function is cancelled and pictures can be projected again. (However, this does not apply for the remote control's "LIGHT" button and the system device operation buttons.)
AUTO SETUP	Starts automatic position correction
VIDEO IN	Switches input to video input.
S-VIDEO IN	Switches input to S-video input.
COMPONENT IN	Switches input to component input.
SCART IN	Switches input to SCART input.
PC IN	Switches input to computer input.
HDMI1 IN	Switches input to HDMI1 input.
HDMI2 IN	Switches input to HDMI 2 input

Note:

- If remote control signals for home theatre system devices or operation macros have been assigned to the "FUNCTION" buttons, the functions assigned to the "FUNCTION" buttons by the above procedure will not work.

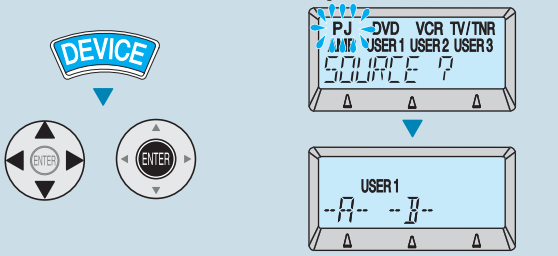
Editing displays on the LCD

When remote control signals for a home theatre system device have been learnt for the USER 1-3 function buttons, you can change the "-A-, -B-, -C-" displays on the LCD to your preferred displays.

List of characters that can be displayed

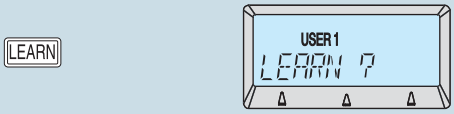
List of characters that can be displayed
Upper-case letters: A-Z Numerals: 0-9
Symbols: -, +, _, Q, ?, space

1 Press "DEVICE", use the tilt button to select the device, and then press "ENTER"

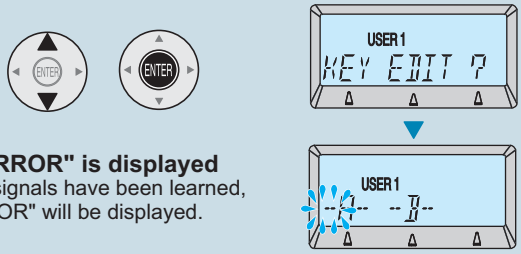


(Example: When “DVD”is selected)

2 Press "LEARN" for 3 seconds or more.

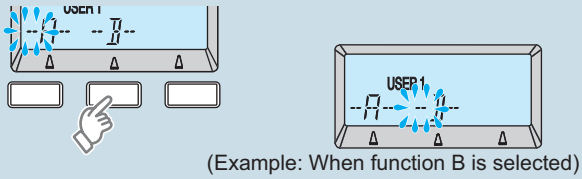


3 3 Press the top or bottom of the tilt button to select "KEY EDIT?" and then press



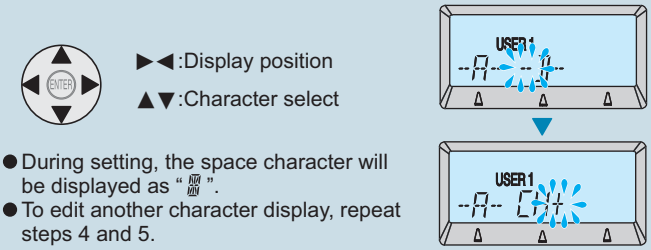
- **If "ERROR" is displayed**
  If no signals have been learned, "ERROR" will be displayed.

4 Press the function button to be changed.



(Example: When function B is selected)

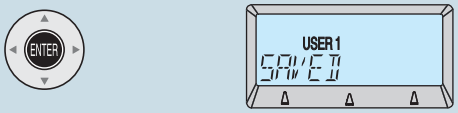
5 Press the left or right sides of the tilt button to move to the character to be changed, and press the top or bottom of the tilt button to select the character.



►◄:Display position
▲▼:Character select

- During setting, the space character will be displayed as “ ”.
- To edit another character display, repeat steps 4 and 5.

6 Press "ENTER".

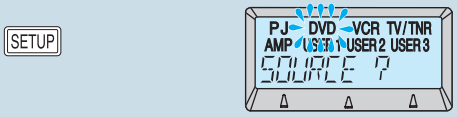


To finish, press "SETUP". SETUP

Editing the device selection display

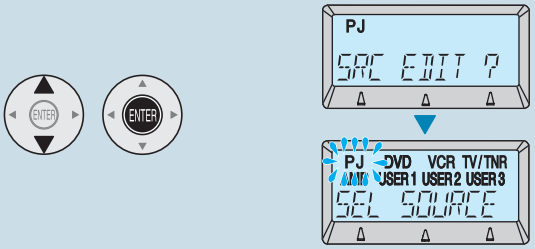
You can remove the indicators for system devices that are not being used, to reduce the number of button operations required when selecting system devices.

1 Press "SETUP" for 3 seconds or more.



2 Use the tilt button to select "PJ", and then press "ENTER".

3 Use the tilt button to select "SRC EDIT?", and then press "ENTER".



4 Use the tilt button to select the display to be deleted, and then press "DEVICE".

- When "DEVICE" is pressed, the indicator will flash more slowly.
- To delete more than one indicator, repeat step 4.

5 Press "ENTER" and then press "SETUP".

- **Restoring indicators that have been deleted.**
  In step 4 above, use the tilt button to select the indicator that you would like to display again, and then press "DEVICE".

Appendices

LCD display list

Selected device displays

Selected device display	Corresponding device
PJ	Projector (PT-AE1000E)
DVD	DVD player/DVD recorder
VCR	Video deck
TV/TNR	TV/Cable converter/Satellite receiver
AMP	Audio amplifier/Receiver
USER1/2/3	DVD, VCR, TV/TNR, AMP, other device (May include devices that cannot be learnt)

Display messages

LCD display	Description
CODE ?	Indicates that the mode for setting device codes is selected.
CODE ? ****	Displayed when a device code (4 digits) has been selected and entered.
DELAY *SEC	Displayed when a delay time has been set using the operation macro function.
DELAY * OK	Displayed when a delay time has been added correctly using the operation macro function.
DELETE ?	Indicates that the mode for deleting learnt remote control signals is selected.
DELETED	Displayed when a learnt function has been deleted.
END	Displayed when code searching of the database is complete.
ERROR	Displayed when an error occurs. Redo the operation.
EXIT SETUP	Displayed when setup mode has been exited.
KEY EDIT ?	Indicates that the mode for editing the function button display characters isselected.
LEARN ?	Indicates that the mode for learning remote control signals has been selected.
LEARNING	Displayed while remote control signals are being learnt.
MACRO ?	Indicates that the mode for setting the macro function has been selected.
MACRO* ?	Indicates that the mode for setting the operation macro function has been selected.
MC* DELETED	Indicates that an operation macro function has been cleared.
OK	Displayed when an operation is completed correctly.
OPS RESET ?	Indicates that the mode for resetting the functions learnt for USER1/2/3 has been selected.
PWR MACRO?	Indicates that the mode for setting a power supply macro has been selected.
RESET ?	Displayed when you are to select whether or not to reset.
RESET ERROR	Displayed when an error occurs during a reset operation. Redo the operation.
RESET OK	Displayed when the reset operation is successful.
SRC EDIT?	Indicates that the mode for editing the device selection display has been selected.
SAVED	Displayed when a button guide has been recorded.
SEARCH ?	Indicates that the mode for using the remote control signals to set a device code has been selected.
SEARCHING	Displayed while the search function is operating.
SEL CODE	Displayed when a key that has been recorded using the operation macro function is selected.
SEL SOURCE	Displayed when selecting a device type.
SOURCE ?	Displayed when selecting a device to be operated.
TIMEOUT	Displayed when no operations have been carried out for 60 seconds, and the procedure has timed out.
TOTAL **	Indicates the number of keys that have been recorded correctly using the operation macro function.

List of display characters

	Character	Display character	Character	Display character	Character	Display character	Character	Display character	Character	Display character	Character	Display character
Letters	A		B		C		D		E		F	
	G		H		I		J		K		L	
	M		N		O		P		Q		R	
	S		T		U		V		W		X	
	Y		Z									
Numerals	1		2		3		4		5		6	
	7		8		9		0					
Symbols	—		+		_		*		?		space	

The space is not indicated after the setting.

Function button guide

Selected device	Corresponding device	Function button display	Description
PJ	PT-AE1000E	FN1	Function1
		FN2	Function2
		FN3	Function3
DVD	DVD/DVD-R	HDD	Switch to hard disk (*1)
		DVD	Switch to DVD (*1)
		SUB	Sub-menu screen display
VCR	VCR	REC	Recording
		EPG	Program list
		EXT	Menu screen clear
TV /CBL /SAT	TV/Cable Converter /Satelite Receiver	INP	Input select/Broadcast select
		EPG	Program list
		LNG	Audio select
AMP/RCV	Audio Amplifier /Receiver	DVD	Switch input to DVD (*2)
		VCR	Switch input to VCR (*2)
		TV	Switch input to TV (*2)
LIGHTING	Lighting equipment	OFF	Off
		CNT	Dimmed
		ON	Fully on
		SE1	Scene 1
		SE2	Scene 2
		SE3	Scene 3
		DWN	Make dimmer
		UP	Make brighter
SCREEN	Motor-driven screen	DWN	Lower
		STP	Stop
		UP	Raise
PJ	Macro Mode	MC1	Operation macro function 1
		MC2	Operation macro function 2
		MC3	Operation macro function 3
USER 1～3	Macro Mode	MC4	Operation macro function 4
		MC5	Operation macro function 5
		MC6	Operation macro function 6

Note:

- The displayed button guide may not match the operation for some devices.
- Remote control signals may vary depending on the device being set, even if the manufacturer is the same.

※ 1 : If either the HDD or DVD function button display is blank, operation will be as follows.

Selected device	Corresponding device	Function button display	Description
DVD	DVD/DVD-R	HDD	Switch to DVD and HDD in that order, or switch directly to HDD
		Empty	-
		SUB	Sub-menu screen display
DVD	DVD/DVD-R	Empty	-
		DVD	Switch to DVD and HDD in that order, or switch directly to DVD
		SUB	Sub-menu screen display

※ 2 : The DVD, VCR or TV function button displays may operate as follows. (Select 1, 2 and 3 indicates input switches that differ depending on the selected device.)

Selected device	Corresponding device	Function button display	Description
AMP/RCV	Audio Amplifier /tuner	DVD	Input switches to Input sequence (+) or select 1
		VCR	Input switches to Input sequence select (-) or select 2
		TV	Input switches to select 3

Appendices

Remote control function list

- ：No signals are sent in the corresponding mode.

Indicates the number of keys that have been recorded correctly using the operation macro function.

	Selected device	PJ	DVD	VCR	TV/TNR(TV/CBL/SAT)	AMP	USER1/2/3 (At purchase)	(RCV)	(LIGHTING)	(SCREEN)
	Device code at time of shipment	-	0490	1244	1333(TV)	1308	(*3)	(*3)	(*3)	(*3)
POWER (PROJECTOR)		PROJECTOR POWER								
POWER (SYSTEM)		-	Power (*1)	Power (*1)	Power (*1)	Power (*1)	-	Power (*1)	Power (*1)	Power (*1)
LIGHT		Backlight	Backlight	Backlight	Backlight	Backlight	Backlight	Backlight	Backlight	Backlight
Function A		FN1	HDD	REC	INP	DVD	(*4)	DVD	OFF/SE1/DWN(*6)	DWN
Function B		FN2	DVD	EPG	EPG	VCR	(*4)	VCR	CNT/SE2(*6)	STP
Function C		FN3	SUB	EXT	LNG	TV	(*4)	TV	ON/SE3/UP(*6)	UP
システム機器	LEARN	Learn	Learn	Learn	Learn	Learn	Learn	Learn	Learn	Learn
	SETUP	Setup	Setup	Setup	Setup	Setup	Setup	Setup	Setup	Setup
CHANNEL	UP ∧	DVD Channel +	Channel +	Channel +	Channel +	Channel +	-	Channel +	-	-
	DOWN ∨	DVD Channel -	Channel -	Channel -	Channel -	Channel -	-	Channel -	-	-
MUTE		Amp mute	Amp mute	Amp mute	Amp mute (*2)	Mute	(*5)	Mute	-	-
VOLUME	+	Amp volume +	Amp volume +	Amp volume +	Amp volume + (*2)	Volume +	(*5)	Volume +	-	-
	−	Amp volume -	Amp volume -	Amp volume -	Amp volume - (*2)	Volume -	(*5)	Volume -	-	-
SKIP /INDEX	DOWN ⏮	DVD Skip down	Skip down	Skip (back)	Skip down (*3)	-	-	-	-	-
	UP ⏭	DVD Skip up	Skip up	Skip (forward)	Skip up (*3)	-	-	-	-	-
SLOW /SEARCH	FF ◀◀	DVD Slow/Serarch	Slow/Serarch	Fast-forward	Slow/search (*3)	-	-	-	-	-
	REW ▶▶	DVD Slow/Serarch	Slow/Serarch	Rewind	Slow/search (*3)	-	-	-	-	-
STOP ■		DVD Stop	Stop	Stop	Stop (*3)	-	-	-	-	-
PAUSE ⏸		DVD Pause	Pause	Pause	Pause (*3)	-	-	-	-	-
PLAY ▶		DVD Play	Play	Play	Play (*3)	-	-	-	-	-
MENU		Menu	Menu	Menu	Menu	Menu	-	Menu	-	-
DEVICE		Device select	Device select	Device select	Device select	Device select	Device select	Device select	Device select	Device select
RETURN		Return	Return	Return	Return	Return	-	Return	-	-
▲		Up	Up	Up	Up	Up	-	Up	Scene 1 (*7)	-
▼		Down	Down	Down	Down	Down	-	Down	Scene 2 (*7)	-
◀		Left	Left	Left	Left	Left	-	Left	Scene 3 (*7)	-
▶		Right	Right	Right	Right	Right	-	Right	Scene 4 (*7)	-
ENTER		Enter	Enter	Enter	Enter	Enter	-	Enter	-	-
NORMAL		Normal	Projector function only							
FREEZE		Freeze	Projector function only							
INPUT		Input	Projector function only							
LENS		Lens	Projector function only							
SLEEP		Sleep	Projector function only							
ASPECT		Aspect	Projector function only							
PIC.MODE		Picture mode	Projector function only							
MEM.LOAD		Memory load	Projector function only							
WAVEFORM		Waveform	Projector function only							
PIC.ADJUST		Picture Adjust	Projector function only							
C.C.M		C.C.M	Projector function only							

Note:

*1:Some devices may not allow you to turn the power back on after it has been turned off.
*2:When “TV” has been selected, these can be used for volume mute, volume + and volume -.
*3:May not work for some devices.
*4:When a device code has been set, the button guide is displayed when a remote control signal hasbeen set for that button. Furthermore, when functions have been learnt, “-A-”, “-B-” and “-C-” are displayed as the defaults, and these LCD displays can be edited.
*5:If a TV, AMP or RCV has been set using a device code and the mode for the device has been set to DVD, VCR, CBL or SAT, these can be used for mute, volume + and volume - for the selected device’s amplifier.
*6:LCD display will vary depending on the device selected.
*7:Only applicable to some types of lighting equipment.